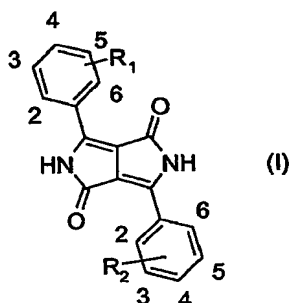


CLAIMS

1. A cosmetic formulation comprising at least one pigment of formula (I)



5 wherein

- R_1 signifies hydrogen; SO_3M ; linear or branched C_1 - C_{18} alkyl, which can be unsubstituted or substituted by one or more halogen, OH, OR_3 , SR_3 , $SO_2NR_3R_4$, NH_2 , NR_3R_4 , $COOR_4$, $CONR_3R_4$, $OCOR_3$ or SO_3M ; linear or branched C_1 - C_4 alkoxy, which can be unsubstituted or substituted by one or more halogen, OH, OR_3 , SR_3 , $SO_2NR_3R_4$, NH_2 , NR_3R_4 , $COOR_4$, $CONR_3R_4$, $OCOR_3$ or SO_3M ; halogen; phenyl, which can be unsubstituted or substituted by one or more halogen, OH, OR_3 , SR_3 , $SO_2NR_3R_4$, NH_2 , NR_3R_4 , $COOR_4$, $CONR_3R_4$, $OCOR_3$ or SO_3M ,
- R_2 signifies hydrogen; SO_3M ; linear or branched C_1 - C_{18} alkyl, which can be unsubstituted or substituted by one or more halogen, OH, OR_3 , SR_3 , $SO_2NR_3R_4$, NH_2 , NR_3R_4 , $COOR_4$, $CONR_3R_4$, $OCOR_3$ or SO_3M ; linear or branched C_1 - C_4 alkoxy, which can be unsubstituted or substituted by one or more halogen, OH, OR_3 , SR_3 , $SO_2NR_3R_4$, NH_2 , NR_3R_4 , $COOR_4$, $CONR_3R_4$, $OCOR_3$ or SO_3M ; halogen; phenyl, which is substituted by one or more halogen, OH, OR_3 , SR_3 , $SO_2NR_3R_4$, NH_2 , NR_3R_4 , $COOR_4$, $CONR_3R_4$, $OCOR_3$ or SO_3M , wherein
- R_3 signifies linear or branched C_1 - C_{30} alkyl; C_3 - C_{30} -alkenyl; C_3 - C_{12} cycloalkyl; C_6 - C_{14} aryl, which can be unsubstituted or substituted by one or more C_1 - C_6 alkyl, C_5 - C_6 cycloalkyl, C_1 - C_6 alkoxy, C_1 - C_6 thioalkyl or halogen; C_7 - C_{24} aralkyl, which can be unsubstituted or substituted by one or more C_1 - C_6 alkyl, C_5 - C_6 cycloalkyl, C_1 - C_6 alkoxy, C_1 - C_6 thioalkyl or halogen or C_8 - C_{24} aralkenyl, which can be unsubstituted or substituted by one or more C_1 - C_6 alkyl, C_5 - C_6 cycloalkyl, C_1 - C_6 alkoxy, C_1 - C_6 thioalkyl or halogen; or C_1 - C_4 alkylene- C_4 - C_8 cycloalkyl, wherein the ring contains at least one heteroatom selected from the group of N, O or S,
- R_4 signifies hydrogen; linear or branched C_1 - C_{30} alkyl; C_3 - C_{30} -alkenyl; C_3 - C_{12} cycloalkyl; C_6 - C_{14} aryl, which can be unsubstituted or substituted by one or

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more C₁-C₆alkyl, C₅-C₆cycloalkyl, C₁-C₆alkoxy, C₁-C₆thioalkyl or halogen; C₇-C₂₄aralkyl, which can be unsubstituted or substituted by one or more C₁-C₆alkyl, C₅-C₆cycloalkyl, C₁-C₆alkoxy, C₁-C₆thioalkyl or halogen or C₈-C₂₄aralkenyl, which can be unsubstituted or substituted by one or more C₁-C₆alkyl, C₅-C₆cycloalkyl, C₁-C₆alkoxy, C₁-C₆thioalkyl or halogen; or C₁-C₄alkylene-C₄-C₈cycloalkyl, wherein the ring contains at least one heteroatom selected from the group of N, O or S, and

M signifies hydrogen; a metal atom; or an unsubstituted or substituted ammonium group, wherein the pigments have a specific surface area (BET) of 15 – 200m²/g, and with the proviso that if

(i) R₁ is H or Cl in 4 position, then R₂ is not H or Cl in 4 position.

2. A cosmetic formulation according to Claim 1, wherein the pigments have a specific surface area (BET) of 20 – 200m²/g, preferably of 25 – 200m²/g.

3. A cosmetic formulation according to Claim 1, wherein the pigments have a specific surface area (BET) of 15 – 170m²/g, preferably of 15 – 150m²/g.

4. A cosmetic formulation according to Claim 1, wherein the pigments have a specific surface area (BET) of 20 – 170m²/g, preferably of 20 – 150m²/g.

5. A cosmetic formulation according to Claim 1, wherein the pigments have a specific surface area (BET) of 25 – 170m²/g, preferably of 25 – 150m²/g.

6. A cosmetic formulation according to any one of the preceding Claims, wherein R₁ signifies hydrogen; linear or branched C₁-C₁₂alkyl, which can be unsubstituted or substituted by one or more halogen, OH, OR₃, SR₃, SO₂NR₃R₄, NH₂, NR₃R₄, COOR₄, CONR₃R₄, OCOR₃ or SO₃M; linear or branched C₁-C₄alkoxy, which can be unsubstituted or substituted by one or more halogen, OH, OR₃, SR₃, NH₂, SO₂NR₃R₄, NR₃R₄, COOR₄, CONR₃R₄, OCOR₃ or SO₃M; halogen; phenyl, which can be unsubstituted or substituted by one or more halogen, OH, OR₃, SR₃, SO₂NR₃R₄, NH₂, NR₃R₄, COOR₄, CONR₃R₄, OCOR₃ or SO₃M, wherein R₃, R₄ and M have the same meanings as defined above.

7. A cosmetic formulation according to any one of Claims 1 – 5, wherein

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R₂ signifies hydrogen; linear or branched C₁-C₁₂alkyl, which can be unsubstituted or substituted by one or more halogen, OH, OR₃, SR₃, SO₂NR₃R₄, NH₂, NR₃R₄, COOR₄, CONR₃R₄, OCOR₃ or SO₃M; linear or branched C₁-C₄alkoxy, which can be unsubstituted or substituted by one or more halogen, OH, OR₃, SR₃, SO₂NR₃R₄, NH₂, NR₃R₄, COOR₄,
 5 CONR₃R₄, OCOR₃ or SO₃M; halogen; phenyl, which is substituted by one or more halogen, OH, OR₃, SR₃, NH₂, NR₃R₄, COOR₄, CONR₃R₄, OCOR₃ or SO₃M, wherein R₃, R₄ and M have the same meanings as defined above.

8. A cosmetic formulation according to Claim 7 or 8, wherein
- 10 R₃ signifies linear or branched C₁-C₁₈alkyl; C₃-C₁₈-alkenyl; C₃-C₈cycloalkyl; C₆-C₈aryl, which can be unsubstituted or substituted by one or more C₁-C₄alkyl, C₅-C₆cycloalkyl, C₁-C₄alkoxy, C₁-C₄thioalkyl or halogen; C₇-C₁₈aralkyl, which can be unsubstituted or substituted by one or more C₁-C₄alkyl, C₅-C₆cycloalkyl, C₁-C₄alkoxy, C₁-C₄thioalkyl or halogen or C₈-C₁₈aralkenyl, which can be unsubstituted or substituted by one or more
- 15 C₁-C₄alkyl, C₅-C₆cycloalkyl, C₁-C₄alkoxy, C₁-C₄thioalkyl or halogen; or C₁-C₄alkylene-C₄-C₈cycloalkyl, wherein the ring contains at least one heteroatom selected from the group of N, O or S,
- R₄ signifies hydrogen; linear or branched C₁-C₁₈alkyl; C₃-C₁₈-alkenyl; C₃-C₈cycloalkyl; C₆-C₈aryl, which can be unsubstituted or substituted by one or more C₁-C₄alkyl, C₅-C₆cycloalkyl, C₁-C₄alkoxy, C₁-C₄thioalkyl or halogen; C₇-C₁₈aralkyl, which can be unsubstituted or substituted by one or more C₁-C₄alkyl, C₅-C₆cycloalkyl, C₁-C₄alkoxy, C₁-C₄thioalkyl or halogen or C₈-C₁₈aralkenyl, which can be unsubstituted or substituted by one or more C₁-C₄alkyl, C₅-C₆cycloalkyl, C₁-C₄alkoxy, C₁-C₄thioalkyl or halogen; or C₁-C₄alkylene-C₄-C₈cycloalkyl, wherein the ring contains at least one heteroatom
- 20 selected from the group of N, O or S, and
- 25 M signifies hydrogen; a metal atom; or an unsubstituted or substituted ammonium group.

9. A cosmetic formulation according to any one of Claims 1 – 5, wherein
- R₁ signifies hydrogen; linear or branched C₁-C₆alkyl, which can be unsubstituted or substituted by one or more OR₃, SR₃, SO₂NR₃R₄, NR₃R₄ or COOR₄; linear or branched C₁-C₄alkoxy, which can be unsubstituted or substituted by one or more OR₃, SR₃, SO₂NR₃R₄, NR₃R₄ or COOR₄; halogen; phenyl, which can be unsubstituted or substituted by one or more OR₃, SR₃, SO₂NR₃R₄, NR₃R₄ or COOR₄,
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- R₂** signifies hydrogen; linear or branched C₁-C₆alkyl, which can be unsubstituted or substituted by one or more OR₃, SR₃, SO₂NR₃R₄, NR₃R₄ or COOR₄; linear or branched C₁-C₄alkoxy, which can be unsubstituted or substituted by one or more OR₃, SR₃, SO₂NR₃R₄, NR₃R₄ or COOR₄; halogen; phenyl, which is substituted by one or more OR₃, SR₃, SO₂NR₃R₄, NR₃R₄ or COOR₄,
 5 wherein
- R₃** signifies linear or branched C₁-C₈alkyl; C₃-C₈-alkenyl; C₃-C₈cycloalkyl; C₆-C₈aryl, which can be unsubstituted or substituted by one or more C₁-C₄alkyl, C₅-C₆cycloalkyl, C₁-C₄alkoxy, C₁-C₄thioalkyl or halogen; C₇-C₁₂aralkyl, which can be unsubstituted or substituted by one or more C₁-C₄alkyl, C₅-C₆cycloalkyl, C₁-C₄alkoxy, C₁-C₄thioalkyl or halogen or C₈-C₁₂aralkenyl, which can be unsubstituted or substituted by one or more C₁-C₄alkyl, C₅-C₆cycloalkyl, C₁-C₄alkoxy, C₁-C₄thioalkyl or halogen; C₁-C₄alkylene-morpholino; or C₁-C₄alkylene-piperidino and
- R₄** signifies hydrogen; linear or branched C₁-C₈alkyl; C₃-C₈-alkenyl; C₃-C₈cycloalkyl; C₆-C₈aryl, which can be unsubstituted or substituted by one or more C₁-C₄alkyl, C₅-C₆cycloalkyl, C₁-C₄alkoxy, C₁-C₄thioalkyl or halogen; C₇-C₁₂aralkyl, which can be unsubstituted or substituted by one or more C₁-C₄alkyl, C₅-C₆cycloalkyl, C₁-C₄alkoxy, C₁-C₄thioalkyl or halogen or C₈-C₁₂aralkenyl, which can be unsubstituted or substituted by one or more C₁-C₄alkyl, C₅-C₆cycloalkyl, C₁-C₄alkoxy, C₁-C₄thioalkyl or halogen; C₁-C₄alkylene-morpholino; or C₁-C₄alkylene-piperidino.
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- 10.** A cosmetic formulation according to any of Claims 1 – 9 comprising
- a) from 0.0001 to 50 % by weight, preferably from 0.0001 to 25 % by weight, based on the total weight of the preparation, of at least one pigment of formula (I), and
- 25 b) from 50 to 99.9999 % by weight, preferably from 75 to 99.9999 % by weight, based on the total weight of the preparation, of a cosmetically suitable carrier.
- 11.** A cosmetic preparation or formulation according to any one of claims 1 to 10, which is in the form of a stick comprising up to 99.9999 % by weight of fatty components.
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- 12.** A cosmetic preparation or formulation according to any one of claims 1 to 10, which is in the form of an anhydrous or aqueous ointment or cream.

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- 5 **13.** A cosmetic preparation or formulation according to any one of claims 1 to 10, which is in the form of a water-in-oil emulsion or in the form of an oil-in-water emulsion comprising from 1 to 98.8 % by weight of the fatty phase, from 1 to 98.8 % by weight of the aqueous phase and from 0.2 to 30 % by weight of an emulsifier, in each case based on the total weight.
- 10 **14.** A cosmetic preparation or formulation according to any one of claims 1 to 10, which is in the form of a powder and comprises an inorganic or organic filler, such as talc, zinc stearate, mica, kaolin, nylon powders, polyethylene powders, Teflon, starch, boron nitride, microspheres of copolymers, such as Expancel, Polytrap, silicone resin microbeads, polyethylene powder or polyamide powder, as well as adjuvants, such as binders or colourants.
- 15 **15.** A cosmetic preparation or formulation according to any one of claims 1 to 10, which is in the form of a nail varnish and comprises from 0.1 to 5 % by weight of the pigment in a varnish base.
- 20 **16.** A cosmetic preparation or formulation according to any one of claims 1 to 10, which is in the form of a shampoo, a cream or a gel for colouring the hair that is composed of the basic substances conventionally employed in the cosmetics industry.
- 25 **17.** A cosmetic preparation or formulation according to any one of claims 1 to 16, which additionally comprises conventional cosmetic constituents, such as perfumes, antioxidants, preservatives and UV filters.